

Environmental Restoration Project



Area of Concern (AOC) No. 1004: Building 6969 Septic System, Robotic Vehicle Range

ADS: 1295

Operable Unit: Septic Tanks and Drainfields

Site History	1
Constituents of Concern.....	1
Current Hazards	1
Current Status of Work	1
Future Work Planned	2
Waste Volume Estimated/Generated	2

Primary Contact: [Dick Fate](#)

Office Phone: 284-2568

Site History

Historical SNL/NM Facilities Engineering drawings indicate that this system consists of a septic tank and drainfield located approximately 70 feet southwest of Building 6969, which is part of the Robotic Vehicle Range facility in a remote area east of TA-II. A site inspection in September 1999 determined that this septic system at this remote facility is still in use. No other historical research has been conducted for this site.

Constituents of Concern

Constituents of concern for this site are unknown.

Current Hazards

No known surface hazards have been identified. Environmental characterization has not been conducted at the site; therefore potential subsurface environmental hazards are unknown.

Current Status of Work

No information has been found to indicate that the septic tank contents have been sampled. Since the system is still active, it is assumed that the tank is periodically pumped out.

A field inspection at the site was conducted in September 1999 and the septic tank and distribution box were determined to be intact and in working order. A backhoe was used at the site in March 2002 to physically locate the drainfield drainlines. Care was taken not to damage the drainlines of this still-active system with the backhoe.

To determine if environmental contamination is present beneath this system and in accordance with agreements reached with NMED personnel, additional sampling was conducted at this site. As shown on the site map, passive soil vapor samplers were installed at five locations in the septic system drainfield area in May 2002 to detect the presence or absence of VOCs at the site. Three soil sample borings were also be drilled in the drainfield area in September 2002. In order to avoid damaging drainlines, boreholes were drilled three feet south of the location of each drainline (determined with the backhoe), instead of directly beneath them. Soil samples collected from these borings were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), total cyanide, high explosive (HE) compounds, metals, and radionuclides.

Future Work Planned

This site may be selected for deeper environmental characterization sampling if analytical results from the shallow sampling indicate potentially significant contamination at depth.

Waste Volume Estimated/Generated

No environmental characterization or remediation waste has been generated at the site to date.

Information for ER Site 1004 was last updated Jan 22, 2003.